# U.S. ENVIRONMENTAL PROTECTION AGENCY

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DATE:	2/2	4:/95 imo-s #II	· · · · · · · · · · · · · · · · · · ·		
TO:	6. F. 7251	mo-s		•	
	USEPA Region	#1			
FROM:	Bol Mo	y/e	<u></u>		
	TAT Data Rev	lew Team			
SUBJECT:	QA/QC Compli	ance Review Summ	ary		
	•				
As requested	quality contro	l and performance	e measures	for the data	packa
noted have b Measures for	een examined the following	and compared to general areas we	EPA stand	lards for com	pliar
				····	
Dat	a Completeness	Bla			
spe Sur	ctra Matching rogate Spikes	Quality "DFT	PP and BFB omatography		
<b>∨</b> Mat	rix Spikes/Dup	licates Hole	ding Times		
		_		TET MTG\	
cal	ibration	<i>L</i> om <sub>j</sub>	pound ID (H	ISL, TIC)	
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# **NARRATIVE**

CASE No. 4/2

SITE NAME: Bayonne Barrel,
Laboratory Name: Accredited Lab
INTRODUCTION:
The laboratory's portion of this Case consisted of Soil, Solid Should of samples collected on, 19 95.
The laboratory reported $N_0$ problem(s) with the receipt of the samples.
The laboratory reported No problems with the analyses of TCA
The evaluator has commented on the criteria specified under each fractic heading. All criteria have been assessed, but no discussion is given when the evaluator has determined that criteria were adequately performed commented no comment. Details relevant to these comments are given on the forms in Appendix A. Amounts of detected compounds are summarized in Appendix B.

# CLP DATA ASSESSMENT

Functional Guidelines	for	Evaluating	Organic Analysis	
AFP/case No. # 04/2 spg	No	LAB	ORATORY <u>Accraliad</u> SITE	Bazonne

DATA ASSESSMENT:

The current Functional Guidelines for evaluating organic data have been applied.

All data are valid and acceptable except those analytes which have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detects), "R" (unusable), or "JN" (presumptive evidence for the presence of the material at an estimated value). All action is detailed on the attached sheets.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Reviewer's Signature:	Worked Mank	Date: 2 / 2	"2 /199 <i>5</i>
Verified By:_			/199

## 1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following analytes in the samples shown were qualified because of holding time:

Mone.

#### 2. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross- contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for the common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the samples shown were qualified with "U" for these reasons:

A) Method blank contamination

none

B) Field or rinse blank contamination ("water blanks" or "distilled water blanks" are validated like any other sample)

VOA Methylene Chloride -- "U" qualified positive Analytes in -- BB-SS-01,03, 64,05,06,07,08,880802, 04,05,8801-01,02,03,04, 05,06,07,08

C) Trip blank contamination

Mone

# 3. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is bromofluorobenzene (BFB) and for semi-volatiles is decafluorotriphenyl- phosphine (DFTPP).

If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R". The following samples shown were qualified with "R" because of tuning:

None

#### 4. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance.

# A) RESPONSE FACTOR

The response factor measures the instrument's response to specific chemical compounds. The response factor for the VOA/BNA Target Compound List (TCL) must be  $\geq 0.05$  in both the initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). If the mean RRF of the initial calibration or the continuing calibration has a response factor <0.05 for any analyte, those analytes detected in environmental samples will be qualified as estimated, "J". All non-detects for those compounds will be rejected ("R"). The following analytes in the samples shown were qualified because of response factor:

BNA
Response Factor (RF) less Thum,050
Response Factor (RF) less Thum,050
Benzoic Acid -- Réjected Nondétects -- BB-DS-03,05,04,05,
06,07,08

- CALIBRATION:
- PERCENT RELATIVE STANDARD DEVIATION (%RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <30% and %D must be <25%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified "R".

For the PCB/PESTICIDE fraction, if %RSD exceeds 20% for all analytes except for the 2 surrogates (which must not exceed 30% RSD), qualify all associated positive results "J" and non-detects

The following analytes in the samples shown were qualified for %RSD

Initial Calibration (RSD exceedances)

BNA

-50% RSD Buty/bonzy/phthalate ... J qualified positive Avalytes ... BB-55-01,02,08, 04,05,06,07,08,88-050; 30-50% RSD Benzoic Acid --- J qualified Data --- BB-FB-01, BB-SS-01,02,03,04 50-90% RSD Hexaclilorocyclopentachene. - Javalified Data - - BB-D5-03,04 Indeno (23 cd) pyrene - -- Javalified Data - -- BB-55-02,03,04,05,06,0708

Dibenzo (gh) Anthracene --- J qualified Dala --- BB-55-02,03,04,05,06,07,08°
Benzo (ghi) per, lone --- J qualified Dala BB-05-01,02

BB-55-02,03,04,05,06,07,08°
BB-05-01,02

Calibration Exceedances continued on Next page

7 0 13 Continuing Calibration (Calibration Contd) - J qualified Positive Amoly les -- BB-DS-01,02,05, BBDL05 25-50% D 2 Butanone -50-90% 0 methylene Chloride -.. I qualified Data -Acetone - - - - I qualified Data -- . BB-FB-01 - BB-DS-01,02,07,BBDL01, 04,05, BB-RB-OI BNA Bis (2 chloroisopropy 1) ether -- Jqualified Data -- BBFB-DIBBD803,07, 07,08,BBRB-01 M-Nitroso Din propylamine ... I qualified Dala ---BB-DS-03,07, BBDL01,02, 03,04,05,06,07,08 Hexachlorocyclopentaliene - - J qualified Data -- BBFBOI, BB RB-OI Hexachbroethane - - J qualified Data - BB DSO4 Pyrene - - - - Javalifiel Data - BBFB-01, BBDS-03,07 BB DE @ 1 02,03,04,05,06, indeno (123-d) pyrene - Jamlified Deta BB-FB-01,BB-55-01, BBAB-01 Dibenzo (a,h) an thracene -- 5 qualified Dala -- BB FB-01,BB-SS-01,BBRBUI Benzo(ghi) perglene - -- J qualified Data -- BBFB01, BBSS01,07, BBDL01, 02,03,04,05,06,07,08,88RBUJ

6. SURROGATES/ SYSTEM MONITORING COMPOUNDS (SMC):

All samples are spiked with surrogate/ SMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate/ SMC concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. The following analytes for the samples shown were qualified because of surrogate/ SMC recovery:

VOA

Surrogale values for percent re covery above acceptable range

Methylene Chloride us a positive analyte was I qualified in

samples BB-SS-01,03,05

Surrogale values for percent recovery less than acceptable ranges

All sample data was I qualified in BB-SS02,05,06,07,08

# 7. INTERNAL STANDARDS PERFORMANCE:

Internal Standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than ±30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ" only if IS area is < 50%. Non detects are qualified as "R" if there is a severe loss of sensitivity ( < 25% of associated IS area counts).

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. The following analytes in the samples shown were qualified because of internal standards performance:

none

- 8. COMPOUND IDENTIFICATION:
- A) VOLATILE AND SEMI-VOLATILE FRACTIONS

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and ion spectra. For the results to be a positive hit, the sample peak must be within  $\pm$  0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For tentatively identified compounds (TIC), the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. The following analytes in the samples shown were qualified for compound identification:



#### B) PESTICIDE FRACTION:

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns. The percent difference ( ${D}$ ) of the positive results obtained on the two GC columns should be  ${25}$  The following analytes in the samples shown were qualified because of compound identification:

# 9. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for some additional qualification of data. The following analytes, for the samples shown, were qualified because of MS/MSD:

VOA

None

BNA

Matrix influences were noted to influence the 2 recovery

Matrix influences were noted to influence the 2 recovery

of the following Compounds.

2 nitrophenol - - - Rejected wonde tect invalute - - BBSSOI,

2 nitrophenol - - - Rejected monde tect analytes - - BBSSOI

2 4 Divisio phenol - - - Rejected monde tectanalytes - - BBOLO3

10. OTHER QC DATA OUT OF SPECIFICATION:

Physical characterization
Samples BBDS 05 and 06 were qualified with T
goulified due to high mastere (over 50%) in a soil regulation
"I qualification in BB-03 05,06 due to natural dilution of Jamples.
in VOA BNA and PEST ACB sections.

11. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT (continued on next page if necessary):

Samples identified as Series BB-D1-01,02,03,04,05,06 were identified on COC on a hi conc. I guid and the laboratory evaluated these liquids as liquids in agreeous waits ught rather than ught used for a potrolam product-Solvent as defined by lab. The residual used for a potrolam product-Solvent as defined by lab. The residual samples were tosted by laboratory and were at termined to be samples were tosted by laboratory and were at termined to be a now agreeous petroleum liquid requiring ught for million up to them up to the test of the contractual NON-COMPLIANCE: This, except for Postfock Section having proper units.

13. This package contains re-extraction, re-analysis or dilution. Upon reviewing the QA results, the following form I(s) are identified to be used:

VOA - Analyles exceeding calibration

2 Hexanore - - - Togulfied Analyle - BBDLO5

MP Kylone - Togulfied Analyle - BBDLO5

BNA - Analyles exceeding calibration

Isophorome - Togulfied Brange - BBDSO3,06

Napthalene - Togulfied Analyle - BBDSO3,06

2 Methyl mapthalane - Togulfied Analyle - BBDSO3,06

Bis 2 cthyl hexyl phladde - Togulfied Analyle - BBDSO3,06

11. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT (continued):

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14/2 Bayonne Barnel

HOJEST KIP/Case	07/2	Doger				PAGE OF	
EAMPLING DATE 11/29/94	<u> </u>		TAT PM	M. De	enno	<u> </u>	
CONCENTRATION Low - Med			• • • • •				
		e se			.*		
VOA	Soils	in p	19/kg	SAMPLE	#/CONCE	NTRATIO	N ( )
	-Minimum	BB-SS-02	BB 55-03	BB:55-04	BBS5-06		
	Detection Range	77.62 Solids	77.82 Solids	84.725/B	73.32 Solid	-	•
	Failus	INNIL	INNIL	TONK:			
Acelone	10	72					
Trichorofluorome Thane	10 5		フェ	45	95		
chloroform	5		ļ	7			
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CONCENTRATION		944						
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VOA Petrokom	, Sludg	e w	cg/kg		#/CONCE			44 05 6
	-Minimum	188-08-01	BA-25-02	BB-DS-03	BB-05-09	8875-05	BB-D5-C6	<b>68</b> 21501
	Detection	96.22 Stils	97.0% Solds	66.12.Solid	78.0% Solid	38.5 20014	49785dig	97.225
	Rança	100xDiL	100xDIL	100 X DIL	DOXUL	1000 x DIL	1000 × Dil	1000000
Metholene Chbride	520		830 U		1100 0	68 000 W		
Acetone	1000							
2 Butimone	1000	80005	47005			110000003		
Benzene	520			* - 22				12005
2 Hoxamone,	1000	690000	140 000	24000			14 000 000	1900
Tetrachloroethene	520			1500				٠,
Toluene	520	2000	2400	53000		660 J	7900000	5900
Chlorobenzene	520			4505				
Ethyl benzene	520	2200	2400			6600J	4/00 ca) J	
Styrene	520			<u> </u>		9000J	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
MtPXylene	520	28000	13000	600000	2005	42000	150000	41000
D ryléne	.520		6000	560000		140005	7,720,000 5	
A/2 000		(2)-		لويمزن -		/ dala	presen	
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SAMPLING DATE	11/29/94	TAT FM N. Denno	
CONCENTE STICK	Low - Medica		•

VOA - Petroleum Solven XIN 8/kg

SAMPLE #/CONCENTRATION (

VOM Terroleum	010001	IN PA	'/				
	-Minimum	BB-DL-01	BBDL-04	BBDL-05	BB-DL-08		
· · · · · · · · · · · · · · · · · · ·	Detection	1000x DiL	100 × 016	(500 000 × 0 il in mg/kg in Data fue	100xDIL,		
	Range			N Do So Fue	/		
				34,51			
Melholene Choride	5000	23000	1200 U	440000000	1100 U		
2 Betanone	10 000			93 coo ao J			
2 Hexanone	10.000	20000	290 5.	120000000	6305		
Toluene	5000			1300000			
Elly/benzene	5000			3600000	4405		
MP xy/ene	.5000			1 30000,000	2000		,···
O xylene	5000			36 000 000	1700		
	1000	1					
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* Note		Valion .	exceela	Calib	rator		
BBBL-	05			val da		ented	in The
Dala cuse in	Was	Calcul		<del></del>		19/Kg 10	
Sake of cor	mg/L	which	was	con ven	IN BB		- one
Sake of Est	masson	n spi	e high	levels	IN DB	02-03	
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PROJECT	RF/Case # 412	
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FAGE \_\_ OF

CONCENTRATION Low 8-Mad.

Soils in Ug/ BNA

SAMPLE #/CONCENTRATION (

DIVIT	ر روی		g/kg.				· · · · · · · · · · · · · · · · · · ·
	-Minimum	BBSSOI		BB S5-03		BB5505	BB5506
	Detection	5xDIL	2 XDIL	IXDIL	2 XDIL	IXDiL.	IXDIL
	Range	76.62 Solls	77.6 % Solids	77.8% did	84.72 Sid	79.29 Solids	79.32,Soli
2 melly phonol	2200					1100	
384 Mc My shenol	2200			1805		3000	
Isophorone	2200	20000	2900	2400	6300	3500	900
nantholene	2200		<i>5505</i>	880	1400	620	
2 mon naphene	2200					630	
Acenaphthylene	2200	15005	8005	540	1400	ļ .	e:
Acenaphthene	2200	21005	1300	1205	1805		<u> </u>
Diethylphthalake	2200			935	1805		
Fluorene	2200			2305	7505		
Phenanthrene	2200	2700	1600	1900	4200	660	Service Company
Anthracene	2200	2500	1800	530	1200	480	
D. N Bity/ phthalule	2200	1200	5700	6100		4000	1900
Flooranthene	2200	12005	590J	570	1200	590	1600
Pyrene	2200	11000	5200	2905	2505	1505	305
Buty benzylshthalate	2200	1000	5405	5105	4005		
Benzo a anthracene	2200	1700	1100	705	1205	900	
Bis (2 + Thy hex Anhihad	2200	21000	13000	1100	3000	3005	405
Chrysene "	2200	2200	1300	110	1705	1605	
Di N Octo / phthalate	2200	5605	3305	150	4905	2305	
Benzolb) fluoranthene	2200	3100					
Benzo (a) pyrene	2200	19000	1100				
Indeno (123 cd) pyrene	2200						<u> </u>
Oibenzo a, h Anthrace	2200						
Benzo (ghi) penglene	2200	34001	2200				
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PROJECT RFF/case # 4/2	,		PAGE
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CONCENTED A LANGE OF A			

BNA Soils in 4 /kg.

SAMPLE #/CONCENTRATION (

\_ OF \_

BNA	J.J in	( 9/1	9.			 ·
	-Minimum	88-58-07	BBSSOS			
	Detection	5xDiL	2 xDiL.			
9	Rance	30.82 Solids	77.8% Solid			
2 methy phenol	2100					
38 4 methylahend	2100					
Isophorone	2100	3900	2200			
Naptimene	2100	8105	6105	1.7		
2 methy/ nap thakene	2100					
Acena philadone	2100	4100	4000			 
Acen aphthene	2100					
Orethy/philadale	2100					
Fluorene	2100	2805	3705			
Phenanthrene	2100	2400	910			
Anthracene	2/00	12005	1100			
DIN Berty/philholate	2100	6600	4000			1. The second se
1= lveran thene	2100	2400	4805			 
pyrene	2100	25000	1400			· · · · · ·
Buty/ benzylphihalale	2100				•	 
Benzo (a) anthracene	2100	5400	5000			
Bis (2 ethy here to whalou		27000	5400			
chrysene	2/00	7300				
Di Nock / phihalale	2100	2800	5405			
Genzo (i) fluoranthens	2/100					
Benzo (a) pyreno	2100	8500	3600			<u> </u>
INdeno (123cd) premo		32005	5905			 <u> </u>
Diben 206 h) AN thracen		94005				
Benzo(ghi)penglene	2100		14005			 
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			400 - 11 Au-

PROJECT AFP Kase # 04/2	Bajonne C	Bassel	FAGE _ OF _
SAMPLING DATE 1/29/94	TAT PM	M. Son	<u>no</u>
CONCENTRATION Low - Med			

Solid/Sludge IN Ug/kg SAMPLE #/CONCENTRATION ( ) BBDSC6 BBDS07 BB-DS-03 BB-DS-04 BB-DS-05 Minimum BB-DS-01 BB-DS-02
Detection 10x01L 10x01L IOXOL IOXDIL 10 x DiL 10.000xDd 10×DIL 49.7% Sold 9728 Sold 96225 Sid 9708 Sid 66.12 Shit 1802 Stills 38.57.5/6 Range 3500 12005 17000 \* 560000 3500 \*1900 000 56005 17000 3500 \* 33000000 460T 4900 4405 \*1100,000 5705 3500 4005 \* 730 aco 15005 3500 3500 23000 29000 4805 3500 79000 46000 3500 110000 50 ac 3500 J 3500 #650000 #2 xxx 0000 37005 97000 1100 000 22000 41000 3500 6600 1800 1600 3500 6805 \* Data Transferred from dilited Analysis

PROJECT AFP/case #04/12	PAGE_	_ OF _
SAMPLING DATE 11/29/94	TAT FM M. Denno	
CONCENTRATION Low med		

Petroleum Solvent in 49/kg. SAMPLE #/CONCENTRATION ( 100xDIL 30xDIL Detection Rance 14000 1000 7805 190000

PROJECT_RFP/case 0412		FAGEOF
SAMPLING DATE 11/29 /94	TAT PM M. Denno	
CONCENTRATION Low - med		

Soils in 4/8 SAMPLE #/CONCENTRATION ( ) BBSS 03 BBSS 04 BBSS 05 C 500x DIL 1x DK. 77875did 84.735did 79.285dids -Minimum 88-55-01 88-55-02 885503 885504 20x0:C Detection IXDIL 100x DIL 73.39 Shills 76.6% Solids 77.628dis Rance 4.35 2370 74000 26500 329000 4350 502000 81500 96700

SAMPLING DATE 11/29/94

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CONCENTRATION Low- med.

PEST/PCB	Soils	in &	Kg	SAMPLE	#/CONCE	NTRATIO	N( )
	-Minimum Detection Rançe	88 SS 07 1 X D 14 8082 STILS	BB SSOS 1 × D1L 77.8% SIB				
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Arochlor 1254	4130	86/00	98500				
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OTHER WINNETTER MOUNTABLE

SAMPLING DATE 11/29/94

CONCENTRATION Low - Med

TAT PM M. Denno

PAGE \_\_OF \_\_

Solid Sludge in Up SAMPLE #/CONCENTRATION ( Petroleum Sohont BB DLOS BBRBDI BBDS 05 BBDS 06 BBDS 07 BB 0803 | BB DS 04 IOXDIL IOXOL IOXDIL IXDIL 10×DIL IXDIC Detection 1XDIL 66.12. Solid 78.03 Solid 38. 53. Solid 49.72. Solid 97.23 Solids Rance 25.2 4/7 125 27 25.2 189 12.2 25.2 109 259 25.2 112 .0065 25.2 12.05 & Chordone 25.2 16.45 YYDDE 154 50.4 136 44000 266 504 939 1170 44007 50.4 987 251 410 77.8 1248 game gerys 504 - C



1090 King Georges Post Road, Suite 201 Edison, NJ 08837

Phone: 908-225-6116 Fax: 908-225-7037

the

TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION EPA CONTRACT 68-WO-0036

SUBJECT: Documentation of Transmittal  SITE: Bayonne Burel.  TDD#: 02-94/0-090)  DATE: 2/24/95  The purpose of this memo is to document the transmittal of following:  Letter Report DCN# OSC Report Draft/Final DCN# Photographs Analytical Data POLREP Safety Plan DCN# Community Relations Plan DCN# Sampling Plan DCN# Sampling Report DCN# Action Memorandum DCN# Action Memorandum DCN#
SUBJECT: Documentation of Transmittal  SITE: Bayonne Baral.  TDD#: 02-94/0-090)  DATE: 2/24/45  The purpose of this memo is to document the transmittal of following:  Letter Report DCN# OSC Report Draft/Final DCN# Photographs Analytical Data POLREP Safety Plan DCN# Community Relations Plan DCN# Sampling Plan DCN# Sampling Report DCN#
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cc: TAT PM M. Donno ) TDD File 02-941/- 15 on, Inc. (0412)

Roy F. Weston, Inc.

MÁJOR PROGRAMS DIVISION

In Association with Foster Wheeler Enviresponse, Inc., Resource Applications, Inc., C.C. Johnson & Malhotra, P.C., R.E. Sarriera Associates, and GRB Environmental Services, Inc.



# 1090 King Georges Post Road Suite 201, Edison, NJ 08837 1-201-225-6116

# TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION EPA CONTRACT 68-WO-0036

TRANSMITTAL MEMO

TO:

C. Fitzsimmons

Response and Prevention Branch, U.S. EPA

FROM:

Ed More

TAT Region II

SUBJECT:

Documentation of Transmittal

DATE:

2/24/95

The purpose of this memo is to transmit the following information:

SITE: Bajonne Bunel.

RFP/case #4/2 validated Data

CC: TAT PM

Donno

TAT FILE

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(04/2)

Roy F. Weston, Inc. MAJOR PROGRAMS DIVISION

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